

Ceiling Cutout: 5 1/8" (130 mm) Dia.

Glasslite Trim	Frame-In Kit	Lamp
C4P20MHGD	C4A39P20E1	Etched glass with matching flange. Electronic 120V 39W PAR20 Ceramic MH
	C4A39P20E2	Electronic 277V 39W PAR20 Ceramic MH

Features

- Glasslite Trim:** One piece borosilicate etched glass with integral flange, emits a soft, subtle glow. Hinged, and snaps onto lamp-holder assembly for easy tool-less installation.
- Lamp Holder:** Unitized construction assures proper alignment of lamp to optics for consistent optical performance.
- Socket:** Medium base porcelain pulse rated socket with nickel plated screwshell.
- Frame Housing:** Steel, 0.029" (22-Ga.), matte black finish, includes pre-installed mounting bars.
- Frame Vertical Adjustment Mechanism:** Accommodates mounting to virtually any ceiling system using pre-installed mounting bars, or 1/2" EMT tubing (by others). Single locking feature secures all adjustments. Alignment holes and markings allow fixture to be pre-set prior to installation. Final adjustment can be made from below from inside fixture.
- Mounting Bars:** Galvanized steel, 0.048" (18-ga.), pre-installed telescoping bars extend to 30" long and lock securely into position. Built-in locking tabs provide positive attachment to common T-bar systems. Self-centering feature simplifies installation in 24" O.C. grid systems. Attaches to steel or wood joists without accessories.
- Retention Springs:** Rust resistant springs secure trim for quick, tool-less installation.
- Ballast / Cover Assembly:** Accessible from below and removable without tools for inspection and ballast replacement.
- Junction Box:** 0.059" (16-ga.) galvanized steel. UL listed for 8 No. 12 AWG, 90°C through branch circuit conductors. Allows inspection from below.
- Optional Accessory Holder:** Catalog # CAH4 Sold separately; die-formed steel, matte black finish, slide-in installation. Accepts up to two 3 3/4" dia. media.
- Thermal Protector:** (Not Shown) Meets NEC and UL requirements. Do not install insulation above nor within 3" (76mm) of any part of the luminaire.

Electrical

Electronic Ballast: 120V or 277V, 50/60 Hz. encased, high power factor, T.H.D. <15%, thermally and transient protected, RMI/RFI complies with FCC part 18 non-consumer limits, shut-down circuit at end of lamp life, sound rating "A", -5° F minimum starting temperature, Type 1 Outdoor rating.

Ballast	ANSI Code	Voltage	Max. Amps	Input Watts
39W MH	M130	120/277	0.39/0.17	44

Options and Accessories

Chicago Plenum: Consult Factory.

Labels

UL (Suitable for Wet Locations), I.B.E.W.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

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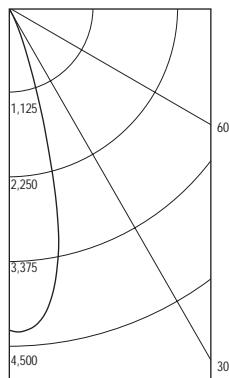
Calculite® HID Lensed Downlight C4P20MHGD

Page 2 of 2

4 1/2" Aperture, PAR 20 Ceramic MH, Glasslite

39W PAR20 FL, CERAMIC MH, PHILIPS, LUMEN RATING = 2000 LMS., AROMAT 39W ELECTRONIC BALLAST

CANDLEPOWER DISTRIBUTION



ANGLE	MEAN CP	LUMENS
0	4280	
5	4233	391
10	3642	
15	2241	639
20	897	
25	335	194
30	106	
35	37	31
40	19	
45	13	11
50	11	
55	9	8
60	6	
65	3	4
70	2	
75	0	1
80	0	
85	0	0
90	0	

LUMINANCE SUMMARY CD. / SQ. M.

ANGLE MEAN CD/SQ. M.

45 1866

55 1598

65 795

75 118

85 0

Coefficients of Utilization

CEILING	80%				70%		50%		30%		0
	70	50	30	10	50	10	50	10	50	10	

WALL RCR Zonal Cavity Method - Effective Floor Cavity Reflectance = 20%

0 .76 .76 .76 .76 .74 .74 .71 .71 .68 .68 .64

1 .74 .73 .72 .71 .72 .70 .69 .68 .67 .66 .63

2 .72 .70 .69 .67 .69 .66 .67 .65 .65 .64 .61

3 .70 .68 .66 .64 .67 .64 .66 .63 .64 .62 .61

4 .69 .66 .64 .62 .65 .62 .64 .61 .63 .61 .59

5 .67 .64 .62 .60 .64 .60 .62 .60 .62 .59 .58

6 .66 .63 .60 .59 .62 .59 .61 .58 .61 .58 .57

7 .64 .61 .59 .57 .61 .57 .60 .57 .59 .57 .56

8 .63 .60 .58 .56 .59 .56 .59 .56 .58 .55 .55

9 .62 .58 .56 .55 .58 .55 .58 .55 .57 .54 .54

10 .61 .57 .55 .54 .57 .54 .57 .54 .56 .53 .53

LUMINAIRE INPUT WATTS = 44.0

** EFFICIENCY = 63.9% **

SC = 0.5

CERTIFIED TEST REPORT NO. 2434FR, DATE: MAR 11, 2004

COMPUTED BY LSC PROGRAM **TEST-LITE**

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Job Information

Type:

Lightolier a Genlyte Thomas Company

www.lightolier.com

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We reserve the right to change details of design, materials and finish.

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